BRUHAT BANGALORE MAHANAGARA PALIKE

EXCECUTIVE ENGINEER DASARAHALLI PROJECT DIVISION

Name of work:Construction of Ambedkar Samudaya Bhavana At Mallasandra in Ward no.13 Shettihalli Sub Division

JOB NUMBER.: | SI-4 | Est. Amount = | 200.00 Lakhs

Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
1	KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for leveling and lowering the ground manually (Other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled including breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1 (a)/2.3.1(I.tm No.2.1, P.No.5, SR:2016 17)								
	Ambedkar Samudaya Bhavana								
	Levelling Site Area	Cum	1	24.00	19.00	3.55	1618.80		
						Total Qty	**1618.80**	269.56	436363.73
2	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m.after breaking of clods complete as per specifications,specification. No. KBS 2.1(b)/2:3.5 (I.tm No.2.4, P.No.5, SR:2016-17)								
	Ambedkar Samudaya Bhavana								
	Basement Floor								
	SSM Foundation								
	long wall		1	23.40	1.00	1.20	28.08		
	Short Wall		2	14.00	1.00	1.20	33.60		
	Dish Wash Wall		2	4.41	1.00	1.20	10.58		
	Store & Dish Wash Wall		1	2.73	1.00	1.20	3.28		
	Staircase wall		1	1.66	1.00	1.20	1.99		
	Retaining Wall		1	37.86	1.40	1.05	55.65		
	Footing Foundation								
	F1	Cum	1	2.00	2.20	2.80	12.32		
	F2		7	2.40	2.70	2.80	127.01		
	F3		8	2.60	2.80	2.80	163.07		
	F4		10	2.30	2.30	2.80	148.12		
	F5		1	3.60	2.50	2.80	25.20		
	Stair Case		1	1.20	0.50	0.60	0.36		
	Sump		1	5.00	5.50	2.70	74.25		
						Total Qty	**683.52**		
	Dedection		9	0.23	0.45	1.30	1.21		
	Column					**Total Qty**	**1.21**		
						Total Qty	**682.31**	405.64	276770.30
3	KSRB 2.14-1: Extra for additional lift of 1.5m. or part thereof for excavation In loose / soft or hard rock including cost of materials, labour complete as per specifications, specification. No. KBS (I.tm No.2.22, P.No.7, SR:2016-17)								
	Ambedkar Samudaya Bhavana								
	Basement Floor		1	2.00	2.20	1.00	4.40		
	F1	Cum	7	2.40	2.70	1.00	45.36		
	F2		8	2.60	2.80	1.00	58.24		
	F3		10	2.30	2.30	1.00	52.90		
	F4		1	3.60	2.50	1.00	9.00		
	F5					**Total Qty**	**169.90**	23.76	4036.82
4	KSRB-3.2: Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier underand around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulsifiable concentrates of 20% concentration, including cost of chemical, diluting in water to one percent concentration, labour, HOM of equipments, complete as per specifications. (Plinth area of the building at ground floor only shall be measured) Specification No. KBS : 3.2.6 / 3.2.7 (I.tm No.3.2, P.No.9, SR:2016-17)								
	Ambedkar Samudaya Bhavana								
	Basement Floor								
	SSM Foundation								
	long wall		1	23.40	1.00		23.40		
	Short Wall		2	14.00	1.00		28.00		
	Dish Wash Wall		2	4.41	1.00		8.82		
	Store & Dish Wash Wall		1	2.73	1.00		2.73		
	Staircase wall		1	1.66	1.00		1.66		
	Retaining Wall	Sqm	1	37.86	1.40		53.00		

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Sl. No	Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate in Rs.	Amount in Rs.
	Footing Foundation								
	F1		1	2.00	2.20		4.40		
	F2		7	2.40	2.70		45.36		
	F3		8	2.60	2.80		58.24		
	F4		10	2.30	2.30		52.90		
	F5		1	3.60	2.50		9.00		
						Total Qty	287.51	111.24	31983.66
5	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead upto 50m.and lift of 1.5m,complete as per specifications,(PWP,IWTD) SR Bangalore Circle 2014 specification. No. KBS (I.tm No.2.15, P.No.6, SR:2016-17)								
	Ambedkar Samudaya Bhavana								
	Basement Floor								
	Retaining Wall		1	37.86	1.40	0.20	10.60		
	Footing Foundation								
	F1	Cum	1	2.00	2.20	0.30	1.32		
	F2		7	2.40	2.70	0.30	13.61		
	F3		8	2.60	2.80	0.30	17.47		
	F4		10	2.30	2.30	0.30	15.87		
	F5		1	3.60	2.50	0.30	2.70		
						Total Qty	61.57	2283.12	140573.52
6	KSRB 4-1.2 : Providing and laying in position plain cement concrete of cum mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (I.tm No.4.2, P.No.12, SR:2016-17)								
	Ambedkar Samudaya Bhavana								
	Basement Floor								
	SSM Foundation		1	23.40	1.00	0.15	3.51		
	long wall		2	14.00	1.00	0.15	4.20		
	Short Wall		2	4.41	1.00	0.15	1.32		
	Dish Wash Wall		1	2.73	1.00	0.15	0.41		
	Store & Dish Wash Wall		1	1.66	1.00	0.15	0.25		
	Staircase wall		1	37.86	1.40	0.15	7.95		
	Retaining Wall								
	Footing Foundation		1	2.00	2.20	0.15	0.66		
	F1		7	2.40	2.70	0.15	6.80		
	F2		8	2.60	2.80	0.15	8.74		
	F3		10	2.30	2.30	0.15	7.94		
	F4		1	3.60	2.50	0.15	1.35		
	F5								
	Flooring	Cum	1	16.99	14.77	0.10	25.09		
	Dining Hall		1	2.27	3.50	0.10	0.79		
	Store		1	5.18	8.38	0.10	4.34		
	Kitchen		1	2.68	3.50	0.10	0.94		
	Dish wash		1	3.89	2.43	0.10	0.95		
	Stair Case Area		1	1.29	2.49	0.10	0.32		
	Corridor		1	4.80	8.31	0.10	3.99		
	Stage		2	2.92	3.00	0.10	1.75		
	Room		2	1.50	3.00	0.10	0.90		
	Toilet								
	Stair Case		1	1.20	0.50	0.15	0.09		
	Basement		1	5.00	5.50	0.15	4.13		
	Sump						**Total Qty 86.42**		
	Dedection		21	0.23	0.45	0.15	0.33		
	Column						**Total Qty 0.33**		
							Total Qty 86.09	5449.68	469167.99
7	KSRB 5.2-2 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (I.tm No.5.6, P.No.23, SR:2016-17)								
	Ambedkar Samudaya Bhavana								
	Basement Floor								
	SSM Foundation Below Ground								
	1St Step								
	long wall		1	23.60	0.80	0.40	7.55		
	Short Wall		2	14.20	0.80	0.40	9.09		
	Dish Wash Wall		2	4.61	0.80	0.40	2.95		
	Store & Dish Wash Wall		1	2.93	0.80	0.40	0.94		
	Staircase wall		1	1.86	0.80	0.40	0.60		

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Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
	2nd Step								
	long wall	Cum	1	23.80	0.60	0.40	5.71		
	Short Wall		2	14.40	0.60	0.40	6.91		
	Dish Wash Wall		2	4.81	0.60	0.40	2.31		
	Store & Dish Wash Wall		1	3.13	0.60	0.40	0.75		
	Staircase wall		1	2.06	0.60	0.40	0.49		
						Total Qty	37.30		
	Dedection								
	Column		21	0.23	0.45	0.80	1.74		
						Total Qty	1.74		
						Total Qty	35.56	4521.96	160813.56
8	KSRB 5.3-3: Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13) (I.tm No.5.9, P.No.23, SR:2016-17)								
	Ambedkar Samudaya Bhavana								
	Basement Floor								
	SSM Foundation Above Ground								
	long wall	Cum	1	23.95	0.45	0.40	4.31		
	Short Wall		2	14.55	0.45	0.40	5.24		
	Dish Wash Wall		2	4.96	0.45	0.40	1.79		
	Store & Dish Wash Wall		1	3.28	0.45	0.40	0.59		
	Staircase wall		1	2.21	0.45	0.40	0.40		
						Total Qty	12.32		
	Dedection								
	Column		21	0.23	0.45	0.40	0.87		
						Total Qty	0.87		
						Total Qty	11.45	5405.40	61910.21
9	KSRB 4.2.1: Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super piasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspiliars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excludingcost of reinforcement as per specifications.Specification No. KBS Specification No. KBS 4.1,4.64.1,4.6(I.tm No.4.10, P.No.13, SR:2016-17)								
	Ambedkar Samudaya Bhavana								
	Basement Floor								
	Column Footing								
	F1		1	1.80	2.00	0.45	1.62		
	F2		7	2.20	2.50	0.45	17.33		
	F3		8	2.40	2.60	0.45	22.46		
	F4		10	2.30	2.10	0.45	21.74		
	F5		1	3.40	2.20	0.45	3.37		
	Column Footing Pedestal								
	PF1		28	0.60	0.60	0.60	6.05		
	Cloumn up to plinth level								
	C1		2	0.23	0.38	1.80	0.31		
	C2		8	0.30	0.45	1.80	1.94		
	C3		7	0.23	0.45	1.80	1.30		
	C4	Cum	5	3.14/4*0.38*0.38		1.80	1.02		
	C5		6	3.14/4*0.38*0.38		1.80	1.22		
	Retaining Wall								
	Bottom		1	37.86	1.20	0.40	18.17		
	Wall		1	37.86	0.30	4.35	49.41		
	Plinth Beam								
	PB1		1	24.17	0.23	0.45	2.50		
	PB2		2	14.77	0.23	0.45	3.06		
	PB3		2	5.18	0.23	0.45	1.07		
	PB4		1	3.50	0.23	0.45	0.36		
	PB5		1	2.43	0.23	0.45	0.25		
	PB6		2	12.12	0.23	0.20	1.12		
	PB7		1	14.77	0.23	0.20	0.68		
	Sump		1	5.00	5.50	0.15	4.13		
						Total Qty	159.11	6718.68	1069007.22
10	KSRB 2.3: Filling available excavated earth (excluding rock) in sides cum of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification. No. KBS 2.9 (I.tm No.2.10, P.No.6, SR:2016-17)								
	Ambedkar Samudaya Bhavana						341.15		
	50% of Total Earth Excavation	Cum				Total Qty	341.15	137.16	46792.49

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Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
11	KSRB 2.5 : Earthwork excavation in all soil deposits and filling sides of foundation upto plinth in layers not exceeding 20cms. in depth, compacting each deposited layer by ramming after watering with all lead and lift including cost of all labour complete as per specifications, specification. No. KBS 2.9.9/2.9.10.1/2.1.1 (I.tm No.2.12, P.No.6, SR.2016-17)								
	Ambedkar Samudaya Bhavana								
	Dining Hall	Cum	1	16.99	14.77	1.10	276.04		
	Store		1	2.27	3.50	1.10	8.74		
	Kitchen		1	5.18	8.38	1.10	47.75		
	Dish wash		1	2.68	3.50	1.10	10.32		
	Stair Case Area		1	3.89	2.43	1.10	10.40		
	Corridor		1	1.29	2.49	1.10	3.53		
						Total Qty	356.77	274.32	97,870.39
12	KSRB 4.2.7 : Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm cum and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, Unties, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fiHets Etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications, specification No. KBS 4.t, 4.6 (I.tm No.4.12, P.No.13, SR:2016-17)								
	Ambedkar Samudaya Bhavana								
	Basement Floor								
	Column (Floor to roof)								
	C1		2	0.23	0.38	2.35	0.41		
	C2		8	0.30	0.45	2.35	2.54		
	C3		7	0.23	0.45	2.35	1.70		
	C4		5	3.14/4*0.38*0.38		2.35	1.33		
	C5		6	3.14/4*0.38*0.38		2.35	1.60		
	Lintel Beam								
	long wall		1	22.63	0.23	0.20	1.04		
	Short Wall		1	14.77	0.23	0.20	0.68		
	Kitchen Wall		1	12.34	0.23	0.20	0.57		
	Dish Wash Wall		2	5.18	0.23	0.20	0.48		
	Store & Dish Wash Wall		1	3.50	0.23	0.20	0.16		
	Staircase wall		1	2.43	0.23	0.20	0.11		
	Roof Beam								
	Beam 1		5	22.86	0.23	0.45	11.83		
	Beam 2		4	14.77	0.23	0.45	6.11		
	Beam 3		2	12.19	0.23	0.45	2.52		
	Beam 4		2	5.18	0.23	0.45	1.07		
	Beam 5		1	5.18	0.23	0.35	0.42		
	Beam 6		1	2.43	0.23	0.35	0.20		
	Roof Slab								
	Slab		1	23.00	15.50	0.15	53.48		
	Ground Floor								
	Column (Floor to roof)								
	C1		2	0.23	0.38	4.55	0.80		
	C2		8	0.30	0.45	4.55	4.91		
	C3		7	0.23	0.45	5.00	3.62		
	C4		6	3.14/4*0.38*0.38		4.55	3.09		
	Lintel Beam								
	long wall		2	21.34	0.23	0.20	1.96		
	Short Wall		2	14.77	0.23	0.20	1.36		
	Room 1 & 2		2	7.80	0.23	0.20	0.72		
	Staircase wall		1	3.89	0.23	0.20	0.18		
	Toilet rooms		2	3.00	0.15	0.20	0.18		
	Roof Beam								
	Beam 7		2	22.86	0.23	0.45	4.73		
	Beam 8		3	14.77	0.23	0.45	4.59		
	Beam 9		2	7.80	0.23	0.45	1.61		
	Beam 10		2	6.49	0.23	0.45	1.34		
	Beam 11		1	5.18	0.23	0.35	0.42		
	Beam 12		1	2.43	0.23	0.35	0.20		
	Roof Slab								
	Slab		1	6.95	15.23	0.15	15.88		
	Room Slab		2	5.00	3.50	0.15	5.25		
	Meznaine Floor								
	All around Lintel								
	long wall		2	21.34	0.23	0.20	1.96		
	Short Wall		2	14.77	0.23	0.20	1.36		

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Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
	Roof Beam								
	Beam 13		2	22.86	0.23	0.45	4.73		
	Beam 14		3	14.77	0.23	0.45	4.59		
	Beam 15		2	5.18	0.23	0.45	1.07		
	Beam 16		1	5.18	0.23	0.35	0.42		
	Beam 17		1	2.43	0.23	0.35	0.20		
	Roof Slab								
	Top Front Slab		1	6.00	16.50	0.15	14.85		
	Basement and Ground Floor								
	Stair Case								
	Basement		1	1.20	0.40	0.20	0.10		
	Basement		1	1.20	0.30	0.20	0.07		
	Waste Slab for Stair case (including 4 Flight)		4	2.86	1.20	0.15	2.06		
	Waste Slab		2	2.43	1.20	0.15	0.87		
	Steps for Stair case		38	1.20	0.25	0.15	1.71		
	Sump Beam		1	10.00	0.23	0.20	0.46		
	Sump Slab		1	5.00	5.50	0.15	4.13		
						Total Qty	**175.66**		
	Deduction								
	Stair case room slab		2	3.89	2.43	0.15	1.42		
						Total Qty	**1.42**		
						Total Qty	**174.24**	6876.36	1198152.27
13	KSRB 4.2.10 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @0.05175cum and fine aggregtes @ 0.0345cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 (I.tm No.4.19, P.No.14, SR:2016-17)								
	Ambedkar Samudaya Bhavana								
	Chajja								
	Door D	Sqm	1	1.50	0.60		0.90		
	Windows W		10	1.80	0.60		10.80		
	Windows W1		2	1.50	0.60		1.80		
	Windows W2		5	2.30	0.60		6.90		
	Ventilator V		2	0.90	0.60		1.08		
						Total Qty	**21.48**	492.48	10578.47
14	Providing and casting reinforced cement concrete racks with design mix M20, granite or trap jelly 12mm and down size 5 cms thick and below with reinforcements of 6mm dia MS bars at 15 cms. Centre to centre for main reinforcement and at 30cms centre to centre for distribution including supports wherever necessary with burnt brick in CM 1:4 including centring, form work, curing etc., complete (inclusive of cost of steel and fabrication charges). (I.tm No.4.53., P.No.18, SR:2016-17)								
	Ambedkar Samudaya Bhavana								
	Basement Floor								
	Cooking Platform	Sqm	1	8.00	0.75		6.00		
	Store		2	3.50	0.60		4.20		
						Total Qty	**10.20**	957.96	9771.19
15	Providing RCC loft (atta) 7.5cms thick with cement concrete design sqm mix M20 using clean granite or trap jeiiy of 20mm and down size with necessary reinforcements at 20cms centre to centre as per design including form work, centring, curing, etc., complete (exclusive of cost of steel and fabrication charges). (I.tm No.4.54, P.No.19, SR:2016-17)								
	Ambedkar Samudaya Bhavana								
	Basement Floor								
	Store	Sqm	1	5.77	0.60		3.46		
	Ground Floor								
	Room 1 & 2		2	5.90	0.60		7.08		
						Total Qty	**10.54**	486.00	5123.41
16	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded cum granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, nciuding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (I.tm No.4.6, P.No.12, SR:2016-17)								
	Ambedkar Samudaya Bhavana								
	Cills								
	Windows W	Cum	10	1.50	0.23	0.05	0.17		
	Windows W1		2	1.20	0.23	0.05	0.03		
	Windows W2		9	2.00	0.23	0.05	0.21		
	Ventilator V		2	0.60	0.23	0.05	0.01		
	Ventilator V1		6	1.50	0.23	0.05	0.10		
	Copping for SSM Foundation								
	long wall		1	23.95	0.45	0.10	1.08		
	Short Wall		2	14.55	0.45	0.10	1.31		
	Dish Wash Wall		2	4.96	0.45	0.10	0.45		
	Store & Dish Wash Wall		1	3.28	0.45	0.10	0.15		
	Staircase wall		1	2.21	0.45	0.10	0.10		
						Total Qty	**3.61**	5876.28	21184.58

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Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
17	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2 (l.tm No.4.28, P.No.15, SR:2016-17)								
	Ambedkar Samudaya Bhavana								
	For Footing								
	F1	Sqm	1	7.60		0.50	3.80		
	F2		7	9.40		0.50	32.90		
	F3		8	10.00		0.50	40.00		
	F4		10	8.80		0.50	44.00		
	F5		1	11.20		0.50	5.60		
	Column Footing Pedestal								
	PF1		28	2.40		0.65	43.68		
						Total Qty	169.98	249.48	42406.61
18	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, Sqm. propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (l.tm No.4.32, P.No.16, SR:2016-17)								
	Ambedkar Samudaya Bhavana								
	Basement Floor								
	C1	Sqm	2	1.22		2.40	5.86		
	C2		8	1.50		2.40	28.80		
	C3		7	1.36		2.40	22.85		
	C4		5	3.14*0.38		2.40	14.32		
	C5		6	3.14*0.38		2.40	17.18		
	Ground Floor								
	C1		2	1.22		4.50	10.98		
	C2		8	1.50		4.50	54.00		
	C3		7	1.36		5.10	48.55		
	C4		6	3.14*0.38		4.50	32.22		
						Total Qty	234.75	395.28	92,793.12
19	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons.up to 3.50m from Ground level. Specification No. KBS 4.6.2 (l.tm No.4.18, P.No.15, SR:2016-17)								
	Ambedkar Samudaya Bhavana								
	Basement Floor								
	Roof Slab	Sqm	1	22.00	14.00		308.00		
	Ground Floor								
	Roof Slab		1	6.95	15.23		105.85		
	Room Slab		2	5.00	3.50		35.00		
	Meznaline Floor								
	Top Front Slab		1	6.00	16.50		99.00		
						Total Qty	547.85		
	Deduction Beam Portion								
	Stair case room slab		2	3.89	2.43		18.91		
						Total Qty	18.91		
						Total Qty	528.94	338.04	178803.93
20	KSRB 4-6.9 Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (l.tm No.4.36, P.No.16, SR:2016-17)								
	Ambedkar Samudaya Bhavana								
	Cills								
	Windows W	Sqm	20	1.50		0.16	4.80		
	Windows W1		4	1.20		0.16	0.77		
	Windows W2		18	2.00		0.16	5.76		
	Ventilator V		4	0.60		0.16	0.38		
	Ventilator V1		12	1.50		0.16	2.88		
	Roof Edges								
	Basement Floor								
	Roof Slab Edges		1	77.00		0.16	12.32		
	Ground Floor								
	Roof Slab		1	44.36		0.16	7.10		
	Room Slab		2	17.00		0.16	5.44		
	Meznaline Floor								
	Top Front Slab		1	45.00		0.16	7.20		
						Total Qty	46.65	732.24	34,158.70

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No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
21	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, Sqm propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (I.tm No.4.34, P.No.16, SR:2016-17)								
	Ambedkar Samudaya Bhavana								
	Basement Floor								
	Retaining Wall								
	Bottom								
	Wall		2	37.86		0.45	34.07		
	Plinth Beam		2	37.86		4.40	333.17		
	long wall								
	Short Wall		1	24.17		0.90	21.75		
	Dish Wash Wall		2	14.77		0.90	26.59		
	Store & Dish Wash Wall		2	5.18		0.90	9.32		
	Staircase wall		1	3.50		0.90	3.15		
	Dinning Hall Open Space Short		1	2.43		0.90	2.19		
	Dinning Hall Open Space Long		2	12.12		0.40	9.70		
	Lintel Beam		1	14.77		0.40	5.91		
	long wall								
	Short Wall		1	24.17		0.50	12.09		
	Kitchen Wall		1	14.77		0.50	7.39		
	Dish Wash Wall		1	12.34		0.50	6.17		
	Store & Dish Wash Wall		2	5.18		0.50	5.18		
	Staircase wall		1	3.50		0.50	1.75		
	Roof Beam		1	2.43		0.50	1.22		
	Beam 1		5	22.86		1.10	125.73		
	Beam 2		4	14.77		1.10	64.99		
	Beam 3		2	12.19		1.10	26.82		
	Beam 4		2	5.18		1.10	11.40		
	Beam 5		1	5.18		0.90	4.66		
	Beam 6	Sqm	1	2.43		0.90	2.19		
	Ground Floor								
	Lintel Beam								
	long wall		2	21.34		0.50	21.34		
	Short Wall		2	14.77		0.50	14.77		
	Room 1 & 2		2	7.80		0.50	7.80		
	Staircase wall		1	3.89		0.50	1.95		
	Toilet rooms		2	3.00		0.50	3.00		
	Roof Beam								
	Beam 7		2	22.86		1.10	50.29		
	Beam 8		3	14.77		1.10	48.74		
	Beam 9		2	7.80		1.10	17.16		
	Beam 10		2	6.49		1.10	14.28		
	Beam 11		1	5.18		0.90	4.66		
	Beam 12		1	2.43		0.90	2.19		
	Meznaine Floor								
	All around Lintel		2	21.34		0.50	21.34		
	long wall		2	14.77		0.50	14.77		
	Short Wall								
	Roof Beam		2	22.86		1.10	50.29		
	Beam 13		3	14.77		1.10	48.74		
	Beam 14		2	5.18		1.10	11.40		
	Beam 15		1	5.18		0.90	4.66		
	Beam 16		1	2.43		0.90	2.19		
	Beam 17					Total Qty	1054.98	276.48	291679.49
22	KSRB 4-6.10 Providing and removing centering, shuttering, strutting, Sqm propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (I.tm No.4.37, P.No.16, SR:2016-17)								
	Ambedkar Samudaya Bhavana								
	Chajja		1	1.50	0.60		0.90		
	Door D		10	1.80	0.60		10.80		
	Windows W		2	1.50	0.60		1.80		
	Windows W1		5	2.30	0.60		6.90		
	Windows W2		2	0.90	0.60		1.08		
	Ventilator V	Sqm							
	Chajja Side		1	2.70		0.15	0.41		
	Door D		10	3.00		0.15	4.50		
	Windows W		2	2.70		0.15	0.81		
	Windows W1		5	3.50		0.15	2.63		
	Windows W2		2	2.10		0.15	0.63		
	Ventilator V					Total Qty	30.45	291.60	8,879.22

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Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
23	KSRB 4-6.11 Providing and removing centering, shuttering, strutting, gqm propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2 (I.tm No.4.38, P.No.16, SR:2016-17)								
	Ambedkar Samudaya Bhavana								
	Stair Case								
	Basement	Sqm	1	1.20		0.40	0.48		
	Basement		1	1.20		0.40	0.48		
	Waste Slab for Stair case (including 4 Flight)		4	2.86	1.20		13.73		
	Waste Slab		2	2.43	1.20		5.83		
	Steps for Stair case		38	1.20		0.15	6.84		
	Edge		4	2.86		0.30	3.43		
						Total Qty	30.792	513.00	15,796.30
24	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 TMT bars Fe 500 (I.tm No.4.46.2, P.No.17, SR:2016-17)								
	Ambedkar Samudaya Bhavana								
	Steel								
	For One Cum 120Kgs Qty Item No 9	Sqm	1	19.09			19.09		
	For One Cum 120Kgs Qty Item No 12		1	20.91			20.91		
	For One Cum 60Kgs Qty Item No 13		1	1.29			1.29		
						Total Qty	41.29	65455.56	2702727.63
25	KSRB 6-2.2 : Providing and constructing burnt brick masonry with approved quality of non-modular bricks of standard size of class designation S.ONewton per sqmm (table moulded) with cement mortar 1:6 for basement and superstructu/re including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No. KBS 6.2 (Item No.6.6, Page No.27, SR: 2016-17)								
	Ambedkar Samudaya Bhavana								
	Basement Floor								
	long wall	Cum	1	22.63	0.23	2.85	14.83		
	Short Wall		1	14.77	0.23	2.85	9.68		
	Kitchen Wall		1	12.34	0.23	2.85	8.09		
	Dish Wash Wall		2	5.18	0.23	2.85	6.79		
	Store & Dish Wash Wall		1	3.50	0.23	2.85	2.29		
	Staircase wall		1	2.43	0.23	2.85	1.59		
	Ground Floor								
	long wall		2	21.34	0.23	2.35	23.07		
	Short Wall		2	14.77	0.23	2.35	15.97		
	Room 1 & 2		2	7.80	0.23	3.50	12.56		
	Staircase wall		1	3.89	0.23	2.35	2.10		
	Toilet room		2	3.00	0.15	2.35	2.12		
	Meznaine Floor								
	long wall		2	21.34	0.23	2.35	23.07		
	Short Wall		2	14.77	0.23	2.50	16.99		
	Sump Wall		1	10.00	0.23	2.20	5.06		
	Parapet Wall		1	28.50	0.15	0.75	3.21		
						Total Qty	147.41		
	Deduction								
	Eentrance Door ED		1	2.50	0.23	2.10	1.21		
	Door D		3	1.20	0.23	2.10	1.74		
	Door D1		5	1.00	0.23	2.10	2.42		
	Door 2		2	0.80	0.15	2.10	0.50		
	Opening O		1	1.20	0.23	2.10	0.58		
	Windows W		10	1.50	0.23	1.50	5.18		
	Windows W1		2	1.20	0.23	1.20	0.66		
	Windows W2		9	2.00	0.23	1.50	6.21		
	Ventilator V		2	0.60	0.23	0.45	0.12		
	Ventilator V1		6	1.50	0.23	0.45	0.93		
	Column		21	0.38	0.23	7.55	13.86		
						Total Qty	33.41		
						Total Qty	114.01	7219.80	823115.97
26	KSRB 9.4-1 : Providing Teak wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications. Specification No. KBS 9.33 (I.tm No.9.10, P.No.51, SR:2016-17)								
	Ambedkar Samudaya Bhavana								
	Frame	Cum							
	Entrence Door ED		1	9.70	0.15	0.10	0.15		
						Total Qty	0.15	200787.12	29,214.53

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Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
27	KSRB 9.4-1: Providing and fixing in position fully panelled Teak wood shutters for doors, with styles and rails of 35mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications, (excluding cost of fixtures) Specification No. KBS 9.34 (I.tm No.9.17, P.No.51, SR:2016-17)								
	Ambedkar Samudaya Bhavana								
	Shutter								
	Entrence Door ED	Sqm	1	2.50		2.10	5.25	8439.12	44,305.38
						Total Qty	**5.25**		
28	KSRB 9.4-1 : Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications. Specification No. KBS 9.33 (I.tm No.9.11, P.No.51, SR:2016-17)								
	Ambedkar Samudaya Bhavana								
	Frame								
	Door D	Cum	3	7.00	0.15	0.10	0.32		
	Door D1		5	6.60	0.15	0.10	0.50		
	Door D2		2	6.20	0.10	0.08	0.10		
						Total Qty	**0.91**	111083.40	100997.03
29	KSRB 9-13-1: Providing and fixing in position shutters for doors made out of Honne wood styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 18mm thick of exterior grade Melamine impregnated prelamination particle board of approved colour on both sides including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34, 9.26.4 (I.tm No.9.34, P.No.53, SR:2016-17)								
	Ambedkar Samudaya Bhavana								
	Shutter								
	Door D	Sqm	3	1.20		2.10	7.56		
	Door D1		5	1.00		2.10	10.50		
	Door D2		2	0.80		2.10	3.36		
						Total Qty	**21.42**	3889.08	83304.09
30	KSRB 7.10 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. with 1.2mm thick, bottom section weight 0.695 kg/m, sides and top sections 1.3 mm. thick weight 0.659 kg/m; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg./m; shutter outer side 40mmx18mm, 1.25mm.thick weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m. the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; and providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted in the assembled frame stiffened with end clips at corners angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be with necessary steel screws, raui plugs, or teak wood gatties including cutting masonry or concrete and making good the originai surface using cement mortar, aluminium sections pretreated for removal of any Specification No. KBS using aluminium section powdered coated to a minimum of 60-70 microns with exterior durable pure polyester grade powder of approved quality. (I.tm No.7.10.2, P.No.33, SR:2016-17)								
	Ambedkar Samudaya Bhavana								
	Windows W	Sqm	10	1.50		1.50	22.50		
	Windows W1		2	1.20		1.20	2.88		
	Windows W2		9	2.00		1.50	27.00		
						Total Qty	**52.38**	4209.84	220511.42
31	KSRB 7.8: Providing and fixing in position in cement concrete 1:3:6 steel Sqm glazed windows and ventilators side hung/top hung 2/3 openable 1/3 fixed as per approved drawings using Z angles of25x33x3mm, weighing 1.419 kg/m both for outer and inner frames and central mullion section of size 25x46x3mm, weighing 2.28kg/m all duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows, not more than 34 cms. c to c including providing and fixing 4mm. thick reeded glass with teakwood beading of required size, all steel sections should confirm to I.S 7452:1990, 4nos. of holdfasts of approved size, section should be cut to length welded and grinded electrically subdividing frames of unit shall be tenonned and revetted into the frames electrically. AH the steel surface shall be throughly cleaned free of rust and painted with one coat of anti-corrosive paint and finishing two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour charges and HOM of machinery complete as per specifications. (I.tm No.7.8, P.No.32, SR:2016-17)								
	Ambedkar Samudaya Bhavana								
	Ventilators V	Sqm	2	0.60		0.45	0.54		
	Ventilators V1		6	1.50		0.45	4.05		
						Total Qty	**4.59**	3213.00	14747.67

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Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
32	KSRB 7.9 : Providing and fixing M.S.grill work for windows and ventilators using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12 (I.tm No.7.9, P.No.32, SR:2016-17)								
	Ambedkar Samudaya Bhavana								
	Windows W	Kgs	10	1.50		1.50	22.50		
	Windows W1		2	1.20		1.20	2.88		
	Windows W2		9	2.00		1.50	27.00		
	Ventilators V		2	0.60		0.45	0.54		
	Ventilators V1		6	1.50		0.45	4.05		
	Total Qty in kgs (qty in Sqm *21 kg/sqm)						56.97		
						Total Qty	1196.37	84.24	100782.21
33	KSRB 15-3.10 : Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, including providing and removing scaffolding, cost of materials, labour, curing etc., complete as per specification. (I.tm No.15.19, P.No.114, SR:2016-17)								
	Ambedkar Samudaya Bhavana								
	Out Side								
	Basement Floor to Top Roof Level								
	long Wall	Sqm	2	22.86		3.70	169.16		
			2	21.34		7.20	307.30		
	Short Wall		2	15.23		10.65	324.40		
	Parapet Wall		2	28.50		0.80	45.60		
	Chajja								
	Door D		1	1.50	0.60		0.90		
	Windows W		10	1.80	0.60		10.80		
	Windows W1		2	1.50	0.60		1.80		
	Windows W2		5	2.30	0.60		6.90		
	Ventilator V		2	0.90	0.60		1.08		
	Chajja Side								
	Door D		1	2.70		0.15	0.41		
	Windows W		10	3.00		0.15	4.50		
	Windows W1		2	2.70		0.15	0.81		
	Windows W2		5	3.50		0.15	2.63		
	Ventilator V		2	2.10		0.15	0.63		
						Total Qty	876.91		
	Deduction								
	Eentrance Door ED		1	2.50		2.10	5.25		
	Door D		1	1.20		2.10	2.52		
	Door D1		1	1.00		2.10	2.10		
	Windows W		10	1.50		1.20	18.00		
	Windows W1		2	1.20		1.50	3.60		
	Windows W2		9	2.00		0.45	8.10		
	Ventilator V		2	0.60		0.45	0.54		
	Ventilator V1		6	1.50		0.45	4.05		
						Total Qty	44.16		
						Total Qty	832.75	252.72	210452.33
34	KSRB15-3.7 : Providing 18mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specification (I.tm No.15.16, P.No.114, SR:2016-17)								
	Ambedkar Samudaya Bhavana								
	Inside								
	Basement Floor								
	Dinning Hall		1	63.52		3.50	222.32		
	Store Room		1	11.54		3.50	40.39		
	Open Space		1	7.44		3.50	26.04		
	Kitchen		1	27.12		3.50	94.92		
	Dish Wash		1	12.36		3.50	43.26		
	Stair Case Wall		1	7.78		3.50	27.23		
	Column		5	3.14*0.38		3.10	18.49		
			2	1.36		3.10	8.43		
	Beams		2	12.00		1.13	27.12		
			2	5.18		1.13	11.71		
			1	14.77		1.13	16.69		
	Ground Floor								
	Reception Hall		1	61.70		2.55	157.34		
	Stair Case Wall		1	8.00		2.55	20.40		
	Stage		1	9.60		2.55	24.48		
	Room 1 & 2		2	11.84		2.55	60.38		
	Toilet Room		2	9.00		2.55	45.90		
	Column		6	3.14*0.38		2.55	18.26		
	Beams		1	12.11		1.13	13.68		
			2	5.58		1.13	12.61		

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Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
	Meznaine Floor								
	Wall	Sqm	1	71.30		2.55	181.82		
	Stair Case Wall		1	8.00		2.55	20.40		
	Column		6	3.14*0.38		2.55	18.26		
	Beams		1	12.11		1.13	13.68		
			2	5.58		1.13	12.61		
	Stair Case								
	Waste Slab for Stair case (including 4 Flight)		4	2.86	1.20		13.73		
	Waste Slab		1	2.43	1.20		2.92		
	Steps for Stair case		38	1.20	0.25		11.40		
			38	1.20		0.15	6.84		
	Sump Wall		1	19.00		2.20	41.80		
	Sump Bottom		1	4.50	5.00		22.50		
						Total Qty	1235.60		
	Deduction								
	Eentrance Door ED		1	2.50		2.10	5.25		
	Door D		5	1.20		2.10	12.60		
	Door D1		9	1.00		2.10	18.90		
	Opening O		2	1.20		2.10	5.04		
	Windows W		10	1.50		1.50	22.50		
	Windows W1		2	1.20		1.20	2.88		
	Windows W2		9	2.00		1.50	27.00		
	Ventilator V		2	0.60		0.45	0.54		
	Ventilator V1		6	1.50		0.45	4.05		
						Total Qty	98.76		
						Total Qty	1136.84	238.68	271341.84
35	KSRB 15-3-13 : Providing 12mm thick cement piaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, including providing and removing scaffolding, cost of materials, labour, curing etc., complete as per specification. (I.tm No.15.21, P.No.114, SR:2016-17)								
	Ambedkar Samudaya Bhavana								
	Basement Floor								
	Roof Slab	Sqm	1	23.00	15.50		356.50		
	Ground Floor								
	Roof Slab		1	6.95	15.23		105.85		
	Room Slab		2	5.00	3.50		35.00		
	Meznaine Floor								
	Top Front Slab		1	6.00	16.50		99.00		
	Sump Slab		1	4.50	5.00		22.50		
						Total Qty	618.85		
	Deduction								
	Stair Case Portion		2	3.89	2.43		18.91		
						Total Qty	18.91		
						Total Qty	599.94	208.44	125052.14
36	KSRB 14.10-1: Flooring with 25mm thick polished tandur blue stone slabs using cement mortar 1:6, 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, including cost of materials, labour, curing, polishing complete as per specifications. Specification No. KBS (I.tm No.14.15, P.No.103, SR:2016-17)								
	Ambedkar Samudaya Bhavana								
	Basement Floor								
	Flooring								
	Store	Sqm	1	2.27	3.50		7.95		
	Kitchen		1	5.18	8.38		43.41		
	Dish wash Floor		1	2.68	3.50		9.38		
	Open Space		1	1.29	2.43		3.13		
	Skirting								
	Store		1	11.54		0.15	1.73		
	Kitchen		1	27.12		0.15	4.07		
						Total Qty	69.67	1210.68	84344.56
37	Providing and laying flooring using prepolished, water cut/gang saw 19mm thick granite laid with a bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to mach shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials, mortar and labours etc., complete as per specificationsusing silver grey granite / Multy Red / Ruby Red I Black / Hassan SqmGreen Granite of width not less than 1200mm (I.tm No.14.47.1, P.No.107, SR:2016-17)								
	Ambedkar Samudaya Bhavana								
	Basement Floor								
	Dining Hall		1	16.99	14.77		250.94		
	Staircase room		1	3.89	2.43		9.45		
	Skirting								
	Dining Hall		1	63.52		0.15	9.53		
	Staircase room		1	7.78		0.15	1.17		
	Ground Floor								
	Reception Hall		1	12.10	14.77		178.72		
			1	3.89	12.11		47.11		

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	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
	Stage								
	Room 1 & 2		1	4.80	8.31		39.89		
	Entrance Passage		2	2.92	3.00		17.52		
	Skirting		1	1.52	15.23		23.15		
	Reception Hall								
	Stage	Sqm	1	53.74		0.15	8.06		
	Room 1 & 2		1	32.00		0.15	4.80		
	Entrance Passage		1	26.22		0.15	3.93		
	Meznaine Floor		2	11.84		0.15	3.55		
	Flooring		1	15.23		0.15	2.28		
	Balcony								
	Skirting		1	5.10	12.11		61.76		
	Flooring		1	1.85	16.23		30.03		
	Balcony								
	Ground and First Floor		1	22.50		0.15	3.38		
	Stair Case		1	15.23		0.15	2.28		
	Waste Slab								
	Steps for Stair case		2	2.43	1.20		5.83		
			38	1.20	0.25		11.40		
			38	1.20		0.15	6.84		
						Total Qty	**721.62**	**2828.52**	**2041119.43**
38	KSRB 14-17.2 : Providing skirting, dadoing, rises of steps with colour glazed tiles 15x15cmc 6mm on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16,14.17 (I.tm No.14.41.1, P.No.106, SR:2016-17)								
	Ambedkar Samudaya Bhavana								
	Basement Floor								
	Kitchen Wall	Sqm	1	13.56		1.50	20.34		
	Dish wash Wall		1	6.61		2.10	13.88		
	Ground Floor								
	Toilet Floor		2	1.50	3.00		9.00		
	Toilet Wall		2	9.00		2.10	37.80		
						Total Qty	**81.02**	**1157.76**	**93802.87**
39	KSRB 8.5 : Providing and laying cinder concrete in cement 1:15 cum 1,902.00 (1 cement: 15 cinder of 12.5mm nominal gauge) on terraced roof or sunken slabs, laid to slope compacting, including cost of materials, labour, curing complete as per specifications.specification. (I.tm No.8.4, P.No.46, SR:2016-17)								
	Ambedkar Samudaya Bhavana								
	Ground Floor								
	Stage	Cum	1	4.80	8.31	0.30	11.97		
	Room 1& 2		2	2.92	3.00	0.30	5.26		
	Toilet		2	1.50	3.00	0.30	2.70		
						Total Qty	**19.92**	**2054.16**	**40923.80**
40	Providing INTEGRAL CRYSTALINE Waterproofing treatment to thesunken portion of Toilets. Using Crystalline Slurry of approved make @ 1.4kg per SQM in two coats (0.7 kg per sqm per coat) conforming to ASTM C 1202 & DINV 18998 standards. (I.tm No.38.11, P.No.280, SR:2016-17)								
	Ambedkar Samudaya Bhavana								
	Ground Floor	Sqm	2	1.50		3.00	9.00		
	Toilet					**Total Qty**	**9.00**	**518.40**	**4,665.60**
41	Extra for water proofing the inside surface of tanks (OHT & UGT) - applying of modified polymers soft acrylic esters coat @ 0.40kg/sqm in 2 coats including all labour charges tools and equipment's, all complete as per the specification. (Item no.10.5.3 Page No.67 SR 2016-17)								
	Sump		1	19.00		2.50	47.50		
	Wall	Sqm	1	5.00	4.50		22.50		
	Bottom					**Total Qty**	**70.00**	**307.80**	**21546.00**
42	KSRB 15.8.1 Providing and fixing plaster mesh 150mm wide manufactured out of hot dipped galvanised iron of nominal thickness 0.35mm with a zinc coating of 120gms per sqm width, along route of walls chipped for services, junction between RCC and brick walls including cost of materials, labour for fixing complete as per specifications, (length of mesh only be measured for payment) (I.tm No.15.35, P.No.115, SR:2016-17)								
	Ambedkar Samudaya Bhavana								
	Column	M	22	11.00			242.00		
	Beam		4	100.00			400.00		
						Total Qty	**642.00**	**38.88**	**24,960.96**

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Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
43	Fabrication supplying and erecting M.S. tubular trusses of all spans as per approved drawing & design with prefabricated steel applications using quality material and are durable, reliable and corrosion and abrasion resistant. Welding shall confirm to latest structural welding code. Quality shall be on various parameters like shape, size, design gauge and polish. The entire trusses is anchored in RCC column by using 4 nos of M.S. anchor bolts at each support with 10mm thick t| base plate and shoe plate. The work includes cutting, straightening, placing in position of M.S. pipes and welding wherever necessary and applying one coat of redoxide primer coat to all the members including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, letc., complete as per specification. (I.tm No.7.29, P.No.40, SR:2016-17)								
	Ambedkar Samudaya Bhavana								
	Roof	Kgs					Constrant	Qty	
	100mm SHSTabular Top & Bottom		6*2	17			14.20	2896.8	
	80mm SHS Cross bracing		6*2	0.65			9.22	71.92	
	80mm SHS Cross bracing		6*18	1.00			9.22	995.76	
	100mm SHS Perline		1*18	17.60			13.91	4406.69	
	Plates		18*3	0.30	0.15	0.012	7850.00	228.91	
	Bearing Plates		6*4	0.30	0.30	0.012	7850.00	203.47	
	Nut & Bolts Lump Sum			1350.00				1350.00	
								10153.54	
							Total Qty	**10153.54**	**118.80**	**1206240.79**
44	Providing and installing of pre painted Galvolume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550mpa steel grade, 5-7 microns. (I.tm No.38.30, P.No.300, SR:2016-17)								
	Roof Area	Sqm	1	23.00	17.00		391.00		
							Total Qty	**391.00**	**831.60**	**325155.60**
45	FIXTURS						10	**1090.80**	**10,908.00**
	0179 Handles to full width 2m long	Each	10				78	**39.96**	**3,116.88**
	0188 Hinges 5" heavy duty		78				62	**129.60**	**8,035.20**
	0427 Tower bolt 300 mm long		62				370	**3.24**	**1,198.80**
	Providing Screws		370				12	**702.00**	**8,424.00**
	0220 Locking arrangements		12						
46	Providing and fixing M.S. Hand railing for Balcony/Staircase etc., with 50mm dia. M.S. hollow pipe of 14 gauge, welded to 20mmx20mm M.S. square rod placed vertically, spaced at 100mm at regular intervalsof 600mm. These vertical rods laterally tied to 3 horizontal rods spaced at equal interval. These assembly is fixed to concrete by using expansion bolts and welding the same to reinforcement bars and making good the surface. All the joints and sections hould be cut to length, weided and grinded wherever necessary etc., complete . The work includes cost of ail materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification and drawing.(P.No-42 ,I No-7.35 of KPWD S.R 2016-17)								
	Ambedkar Samudaya Bhavana								
	Hand Railing	Sqm	1	14.77		1.00	14.77		
	Meznaine Floor		4	3.00		1.00	12.00		
	stair case (4 Flight)		1	15.00		1.00	15.00		
	Entrance		2	1.50		1.00	3.00		
	Entrance Steps						**Total Qty**	**44.77**	**2857.68**	**127938.33**
47	Aluminum plain/perforated/Mirror finish false ceiling VT-09 (Vertical drop 9 mm) Supply and installation of Aluminum powder coated false ceiling proof panel size 600x600mmx9mm drop, Noncombustible fire proof humidity proof, Aesthetic, fabricated from enameled coated sheet of thickness 0.8mm, panel shall be painted by powder coating process with polyester paints and with secular mirror finish, shining lacquered plain or decorated on outer surface, it shall be suspended with the frame work and accessories complete from roof slabs, beams etc., by means of 4mm dia GO J bolt Tee runner, ultra look Tee Runner and edge trim etc., (P.No-325 ,I No-39.12.5 of KPWD S.R 2016-17)								
	Ambedkar Samudaya Bhavana								
	False Celling	Sqm	1	21.00	14.77		310.17		
	Reception Hall		1	5.10	12.50		63.75		
	Entrance Reception Hall						**Total Qty**	**373.92**	**7435.80**	**2780394.34**
48	THERMAL INSULATION OF ROOF WITH EXPANDED POLYSTYRENE Providing and fixing expanded polystyrene (EPS) 50mm thick with aluminium strips at every 600mm c/c over existing false ceiling for thermal insulation of roofing including necessary fasteners etc., complete (excluding cost of screed concrete which is to be measured and paid seperately) with all lead and lift, transportation charges, loading unloading charges,all taxes, cost of all materials, labour, HOM of machinery, scaffolding etc., .(P.No-370 ,I No-41.11.1 of KPWD S.R 2016-17)								
	Ambedkar Samudaya Bhavana								
	False Celling	Sqm	1	21.00	14.77		310.17		
	Reception Hall		1	5.10	12.50		63.75		
	Entrance Reception Hall						**Total Qty**	**373.92**	**699.84**	**261684.17**

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	Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate in Rs.	Amount in Rs.
82	Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure,III-Single Door.Group A12Way SP &N (,I No-6.16.13 of PWD S.R 2014-15)								
	MCB distribution boards	Nos	1	2.00			2.00	1047.0	2,094.00
83	Supplying and fixing regular MCB distribution boards on wall/wood board/flush mounting using required clamps, bolts, nuts etc. with provision for fixing suitable type capacity MCB's single phase/3 phase/single door with power coated painting etc., complete: Double door: 6 way TP &N , Group (A)(,I No-6.16.15 of PWD S.R 2014-15)								
	MCB distribution boards	Nos	1	2.00			2.00	2867.0	5,734.00
84	Supply and fixing of bakelite D.P/Socket/ switch with/without neon indicator over existing wood board or flush mounting in plastic plates/nitches as per IS 1293 and IS 3854 Group-A.32Amps Flush/projected types DP switch								
	Group-A								
	Electronic stepped regulator (,I No-3.7.11 of PWD S.R 2014-15)	Nos	1	35.00			35.00	211.0	7,385.00
85	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plateas per IS 3854 and IS 1293 Group "A" materials k) TV/Telephone socket (8/18)(,I No-9.1 of PWD S.R 2014-15)								
	modular switch	Nos	1	4.00			4.00	82.0	328.00
86	Supplying exhaust fan of 1440 RPM of 300mm (12") size with bracket blades complete for light duty suitable to operate on 230V 50Hz, AC Supply. Group- A.(,I No-17.11 of PWD S.R 2014-15)								
	exhaust fan	Nos	1	5.00			5.00	1700.0	8,500.00
87	Fixing one exhaust fan in the nitch already left in the wall with cment mortar and colouring to match the existing wall or Brackets with bolts and nuts and 5 amps ceiling rose with sufficient length of 23 /0.0076 inch PVC insulated twin core wire of approved make with wire mesh and wooden frame(,I No-4.1 of PWD S.R 2014-15)								
	exhaust fan	Nos	1	5.00			5.00	680.0	3,400.00
88	Supplying and fixing a drop light one PBBC/bakelite pendent holder,PVC insuleated twin twisted copper wire of 10/0.3mm length upto 1000 mm,one of 60/100 watts lamp of 230 volts grade and one of 5 amps bakelite ceiling rose fixed on the existing wooden block of the outlet Group- A (Page No - 20 ,I No-4.2.1 of PWD S.R 2014-15)								
	drop light	Nos	1	70.00			70.00	121.0	8,470.00
89	Supplying and fixing PBBC bakelite straight or slant batten holder and wiring within 60w/230 volts Lamps-Group "A" (Page No - 109 ,I No-16.2.1 of PWD S.R 2014-15)								
	PBBC bakelite straight	Nos	1	70.00			70.00	88.0	6,160.00
90	Supply patti type fluorescent tube light fitting of 4'- 28 watts fluorescent tube fitting, made out of M.S sheet and stove enameled with HF Electronic Ballast,locking type brass contact holders mounted on double fold type sheet base fully wired for use on 230 Volts A C Supply including T5 lamp Group - A(Page No - 21,I No-4.11.1 of PWD S.R 2014-15)								
	fluorescent tube light	Nos	1	10.00			10.00	669.0	6,690.00
91	Supplying of recessed/surface mount aesthetic 2'x2' modular luminaries made out of single piece powder coated CRCA sheet steel accommodating all electrical accessories like Energy Saving Electronic Ballast suitable to operate on 230V 50Hz AC supply with 2x36Watts PLL-compact fluorescent lamp, pre-wired up to terminal block with bright anodized aluminum reflector & P5 paralite louvers with spring loaded plastic toggles complete.2x36 Watts Group - A(Page No - 114, I No-17.7.1 of PWD S.R 2014-15)								
	surface mount aesthetic	Nos	1	60.00			60.00	4755.0	285300.00
92	Fixing all types and all capacities of fluorescent/false ceiling/spot light/CFL fittings indoor on the wall / ceiling/ rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clamps . On wall/ceiling/Rafter/Girders(Page No - 84, I No-9.3.1.1 of PWD S.R 2014-15)								
	capacities of fluorescent	Nos	1	90.00			90.00	98.0	8,820.00
93	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system and as per technical data approved. 48" Sweep (1400mm) a.Regular model (23/23)(Page No - 11, I No-32 of PWD S.R 2014-15)								
	ceiling fan	Nos	1	35.00			35.00	2500.0	87,500.00
94	Supply and fixinjg metal fan box with round hook(Page No - 115, I No-17.9 of PWD S.R 2014-15)								

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Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
	metal fan box								
95	Fixing a ceiling / Wall mounting fan of all capacities and all types with necessary clamps and S hook made out of 15mm dia MS rod, with 5 amps ceiling rose of approved quality with necessary length of 23 / 0.0076 inch PVC insulated twin twisted wire of approved quality mounted on a suitable size wooden board and wired(Page No - 20, I No-4.3 of PWD S.R 2014-15)	Nos	1	35.00			35.00	72.0	2,520.00
	Wall mounting fan								
96	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate.. Is 3854 and IS 1293. (16/3.7) (Page No - 16, I No-3.7of PWD S.R 2014-15)	Nos	1	45.00			45.00	237.0	10,665.00
	6Amps SP Switch (I No-3.7.1 of PWD S.R 2014-15)		1	120.0			120.00	63.0	7,560.00
	6Amps 3way 5 pin socket (I No-3.7.3 of PWD S.R 2014-15)		1	40.0			40.00	95.0	3,800.00
	16Amps SP Switch (I No-3.7.7 of PWD S.R 2014-15)		1	10.0			10.00	114.0	1,140.00
	16Amps 3way 5 pin Socket (I No-3.7.10 of PWD S.R 2014-15)		1	15.0			15.00	147.0	2,205.00
	32Amps Flush/projected types DP switch (I No-3.7.9 of PWD S.R 2014-15)		1	5.0			5.00	164.0	820.00
97	Supplying and flush mounting powder coated metal / galvanised metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall (15/3.5)(I No-3.5of PWD S.R 2014-15)								
	1-3Way(I No-3.5.1of PWD S.R 2014-15)	Each	1	20			20.00	91.00	1,820.00
	4-5Way (I No-3.5.2of PWD S.R 2014-15)		1	5			5.00	98.00	490.00
	6Way (I No-3.5.3of PWD S.R 2014-15)		1	10			10.00	121.00	1,210.00
	8Way (I No-3.5.4of PWD S.R 2014-15)		1	2			2.00	140.00	280.00
	10-12Way (I No-3.5.5of PWD S.R 2014-15)		1	2			2.00	159.00	318.00
	16Way (I No-3.5.6of PWD S.R 2014-15)		1	6			6.00	172.00	1,032.00
98	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box.(15/16/3.6) (I No-3.6of PWD S.R 2014-15)								
	1 to 3 Module (I No-3.6.1of PWD S.R 2014-15)	Each	1	20			20.00	82.00	1,640.00
	4Moudule (I No-3.6.2 of PWD S.R 2014-15)		1	5			5.00	100.00	500.00
	6Moudule (I No-3.6.3 of PWD S.R 2014-15)		1	10			10.00	125.00	1,250.00
	8Moudule (I No-3.6.4 of PWD S.R 2014-15)		1	2			2.00	175.00	350.00
	10Moudule (I No-3.6.5 of PWD S.R 2014-15)		1	2			2.00	210.00	420.00
	12Moudule (I No-3.6.6 of PWD S.R 2014-15)		1	6			6.00	230.00	1,380.00
99	Supplying and fixing PVC/metal conduit accessories.(2/1.5)(I No-1.5of PWD S.R 2014-15)								
	deep junction box	Each	1	100			100.00	47.00	4,700.00
	19/20mm junction box(I No-1.5.1of PWD S.R 2014-15)								
100	Supplying wall mounting fan suitable to operate at single-phase 230 V A.C. supply,(84/9.4)(I No-9.4 of PWD S.R 2014-15)								
	400mm Sweep(I No-9.4.3 of PWD S.R 2014-15)	Each	1	10			10.00	2534.00	25,340.00
101	Supplying and fixing of class A (medium duty)GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arraingements for UG cable of 1.1KV class.40mm(I No-7.1 of PWD S.R 2014-15)								
	GI pipe	Rmt	1	35			35.00	345.00	12,075.00
102	Spplying, fixing ,wiring, earth electrode for grounding conduits, I C cutouts and other equipments on the meter board using 40mm dia 2.9mm thick GI pipe 2.5 mtr long buried in a pit... the pit should be filled with equal proportion of salt and charcoal 150mm alround the pipe to complete depth. The connectionh from the pipe to the conduit etc, is to be established through GI wire of size as per ISI Specification 7.3.3. of IS 732 using 12mm dia bolts, nuts,wahers anfd check nuts etc,the pipe shall have 16 through hole of 122 mm dia(68/1)(I No-7.22.3 of PWD S.R 2014-15)								
	wiring	Nos	1	4			4.00	2727.00	10,908.00
103	Suppling and running GI/Copper conductor for grounding and (along with other wires in conduit system of wiring) using necessary suitable size clamps,nails,guttas/spacers. GI Wire c) 8SWG(I No-81of PWD S.R 2014-15)								
	GI/Copper conductor	Rmt	1	90			90.00	19.50	1,755.00
104	Supplying tinned copper lugs crimping and wiring to terminal point for wire of the following sizes.2.5sqmm.(Page No. 70, I No-7.21.8of PWD S.R 2014-15)								
	copper lugs crimping	Nos	1	110			110.00	3.12	343.20
105	Supplying tinned copper lugs crimping and wiring to terminal point for wire of the following sizes.-35Sqmm Long Barrel(PageNo. 66, I No-12of PWD S.R 2014-15)								
	copper lugs crimping	Nos	1	8			8.00	35.72	285.76

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Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
106	Supplying surface mounted type mirror optic luminaries for single/Twin 28watts fluorescent lamps cross rising of stove enameled deep coloured M.S.low profile housing complete with all accessories and high purity anodized aluminum reflector assembling along with cross louvers including necessary fluorescent tubes with Energy Saving Electronic Ballast. (21/4.9)(I No-4.9of PWD S.R 2014-15)								
	2x4'-28 Watts								
	Group 'A'(I No-4.9.3 of PWD S.R 2014-15)	Each	1	60			60.00	4028.00	241680.00
	2x4'-28 Watts								
	Group 'A'(I No-4.9.1 of PWD S.R 2014-15)		1	10			10.00	2743.00	27,430.00
107	Supply box type suitable for 20W T5 single/twin Lamp & suspension mounted luminaire & optical reflector. Prewired with HF electronic Ballast, push fit type lamp holder & main connectores. Channel cover shall be made of CRCA MS Sheet and finishing is done with stove enamelled whith end caps made of engineering plastic. (20/4.7)(I No-4. 7 of PWD S.R 2014-15)								
	1x4'-28 Watts(I No-4.7.1 of PWD S.R 2014-15)	Each	1	10			10.00	990.00	9,900.00
108	Supplying CFL mirror light fitting with 2x11W CFL lamp, choke, Perspex cover and completely wired for use on 230V 50Hz AC (25/4.25)(I No-4.23 of PWD S.R 2014-15)								
	Group 'A'(I No-4.23.1 of PWD S.R 2014-15)	Each	1	4			4.00	648.00	2,592.00
109	Fixing all types and all capacities of fluorescent /False ceiling/spot light /CFL/LED fittings indoor on the wall/ ceiling/rafters/girders using 23/0.0076' twin twisted PVC insulated wires, required Nos of round blocks and clamps.(I No-17.7 of PWD S.R 2014-15)								
	On wall / ceiling /Rafter / Girders(I No-17.7.1 of PWD S.R 2014-15)	Each	1	84			84.00	98.00	8,232.00
								Total Constrution cost	186,01,669.99
								Design Report,Proof Checking & PMC Amount	4,65,041.75
								Tender Premium 5%	9,30,083.50
								Sub Total	199,96,795.24
								Miscellaneous & Rounding Off	3,204.76
								Grand Total	200,00,000.00

Certificate:-

1. The work spot was inspected and work is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike Limits.
3. The rates adopted based on the PWD SR Bangalore Circle for year 2016-17
4. The provisions made in the estimate are necessary and essential.

SRI SAI CONSULTANTS BANGALORE-90

Consultants
For Sri Sai Consultants

Assistant Engineer
Dasarahalli Project Division
BBMP - Bangalore

Assistant Executive Engineer
Dasarahalli Project Division
BBMP - Bangalore

Executive Engineer
Dasrahalli Project Division
BBMP - Bangalore

ನಂ:EE/PD/Asst/17-18 ದಿನಾಂಕ: 27/09/2017
ರೂ Rs 200.00 Lakhs only

ಈ ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯೋಜನಾ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬಿಬಿಎಂಪಿ

ನಂ.CE/TS/222/17-18 ದಿನಾಂಕ : 27/09/2017
ರೂ. 200.00 Lakhs only/-
Rs. Two Hundred Lakhs only/-

ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

ತಾಂತ್ರಿಕ ಸಹಾಯಕರು

ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

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